

## **ABSTRACT**

Exemplary methods for estimating an orientation angle and a translation values for scanned images are disclosed. The methods described herein may be embodied as logic instructions on a computer-readable medium. In one exemplary implementation meaningful image information is removed from a scanned image, resulting in a transformed image that comprises alternating, parallel lines disposed at an orientation angle relative to an orthogonal axis. The orientation angle may be determined using geometric techniques or statistical correlation techniques, and statistical correlation techniques may be implemented to determine translation values.